

InterSkill Learning has offered the mainframe computing industry's finest e-learning solutions for over 15 years. The following list of Mainframe e-Learning Courses and Mainframe Skills Assessments represents over 1,000 hours of e-learning courseware for mainframe computing personnel and provides a training solution of unmatched depth, breadth and currency.

### **z/OS Curriculum**

- ☐ Z/OS v1.12 Series
  - z/OS Concepts and Components 1.12
  - Initializing and Terminating the z/OS System 1.12
  - Monitoring the z/OS System 1.12
  - z/OS Architecture 1.12
  - Identifying z/OS System Problems 1.12
  - Resolving z/OS System Problems 1.12
- ☐ Z/OS v1.11 Series
  - z/OS Concepts and Components 1.11
  - Initializing and Terminating the z/OS System 1.11
  - Monitoring the z/OS System 1.11
  - z/OS Architecture 1.11
  - Identifying z/OS System Problems 1.11
  - Resolving z/OS System Problems 1.11
- ☐ z/OS Console Simulator Series
  - z/OS MVS Console Simulations
  - JES2 Console Simulations
  - VTAM Console Simulations
  - CICS Console Simulations
  - SHUTDOWN and IPL Console Simulations
- ☐ z/Enterprise Series
  - Introduction to z/Enterprise
- ☐ z/OS Performance Monitoring Series
  - Performance Monitoring

### **Job Control Language (JCL) Curriculum**

- ☐ Job Control Language (JCL) z/OS v1.12 Series
  - JCL (z/OS) – Introduction to z/OS JCL 1.12
  - JCL (z/OS) – Using Special Data Sets in Batch Jobs 1.12
  - JCL (z/OS) – Identifying and Resolving Batch Problems in JCL 1.12
  - JCL (z/OS) – Coding Procedures and JES2 Control Statements 1.12
- ☐ Job Control Language (JCL) z/OS v1.11 Series
  - JCL (z/OS) – Introduction to z/OS JCL 1.11
  - JCL (z/OS) – Using Special Data Sets in Batch Jobs 1.11
  - JCL (z/OS) – Identifying and Resolving Batch Problems in JCL 1.11
  - JCL (z/OS) – Coding Procedures and JES2 Control Statements 1.11

### **JES Curriculum**

- ☐ JES2 Concepts, Commands, and Application z/OS v1.12 Series
  - JES2 System Initialization and Shutdown 1.12
  - Monitoring Batch Jobs with JES2 1.12
  - Using JES2 in Scheduling Batch Jobs 1.12
  - Identity and Resolve JES2 Batch Problems 1.12
  - Identify and Resolve JES2 System Problems 1.12
- ☐ JES2 Concepts, Commands, and Application z/OS v1.11 Series
  - JES2 System Initialization and Shutdown 1.11
  - Monitoring Batch Jobs with JES2 1.11
  - Using JES2 in Scheduling Batch Jobs 1.11
  - Identity and Resolve JES2 Batch Problems 1.11
  - Identify and Resolve JES2 System Problems 1.11
- ☐ JES3 Series
  - JES3 Concepts and Commands

### **TSO/ISPF for z/OS Curriculum**

- ☐ TSO/ISPF z/OS v1.12 Series
  - Using Online System Facilities – TSO/ISPF
  - Managing Data Files and Definitions with ISPF/PDF
  - Maintaining Data in Files with the ISPF Editor
- ☐ TSO/ISPF z/OS v1.11 Series
  - Using Online System Facilities – TSO/ISPF
  - Managing Data Files and Definitions with ISPF/PDF
  - Maintaining Data in Files with the ISPF Editor

### **Introduction to the IBM Environment Curriculum**

- ☐ Introduction to the IBM Environment Series
  - Introduction to IBM Enterprise Environment
  - z/OS Systems Programming Fundamentals
  - IBM Development Environment Overview

### **SDSF Curriculum**

- ☐ System Display & Search Facility (SDSF) Series
  - SDSF Concepts and Operation
  - Using SDSF to Control Job Processing
  - Using SDSF to Display, Manipulate and Print Job Output
  - Using SDSF to Manage System Resources and Devices

### **IBM Mainframe Communications Curriculum**

- ☐ IBM Mainframe Communications Series
  - IBM Mainframe Communications Concepts
  - VTAM Commands
  - Mainframe TCP/IP Commands

### **Utilities Curriculum**

- ☐ Utilities Series
  - Utilities
  - VSAM Utilities

### **Tivoli Workload Scheduler Curriculum**

- ☐ Tivoli Workload Scheduler for z/OS Series
  - Understanding How Tivoli Workload Scheduler Processes Work
  - Monitoring and Managing the Tivoli Workload Scheduler for z/OS Environment
  - Scheduling with Tivoli Workload Scheduler for z/OS
  - Maintaining the Integrity of Tivoli Workload Scheduler for z/OS

### **Mainframe Products Curriculum**

- ☐ Related Products Series
  - CLISTS Introduction
  - HSM Overview
  - FOCUS
  - Virtual Tape Server (VTS)
  - Parallel Sysplex
  - System Managed Storage (SMS)
  - Introduction to WebSphere Application Server

### **WebSphere MQ Curriculum**

- ☐ WebSphere MQ Series
  - Introduction to WebSphere MQ

## CA Curriculum

- ☐ CA 1® Tape Management Series
  - CA 1 Tape Management – Using Tape Media
  - CA 1 Tape Management - Identifying & Resolving Media Problems
- ☐ CA 7® Workload Automation Series
  - CA 7 Workload Automation - Introduction
  - CA 7 Workload Automation - Scheduling Batch Processing
  - CA 7 Workload Automation - Monitoring & Maintaining Batch Processing
  - CA 7 Workload Automation - Reporting & Problem Resolution
- ☐ CA 11® Workload Automation Restart and Tracking Series
  - CA 11 Restart and Tracking
- ☐ CA OPS/MVS® Event Management and Automation Series
  - CA OPS/MVS – Event Automation Concepts & Components
  - CA OPS/MVS – Rules and OPS/REXX
  - CA OPS/MVS – Automat. Events Using Relational Data Framework
  - CA OPS/MVS – Automating Events Using System State Manager
  - CA OPS/MVS – Schedule & Group Manager for Event Management
- ☐ CA Endeavor™ Software Change Manager Series
  - CA Endeavor™ Software Change Manager Introduction and Basic Usage
  - CA Endeavor™ Software Change Manager Package Processing and Facilities
- ☐ CA SYSVIEW Realtime Performance Management Series
  - CA SYSVIEW Overview
  - CA SYSVIEW Administration and Security
  - CA SYSVIEW Implementation
- ☐ CA Jobtrac Job Management Series
  - CA Jobtrac Job Management
- ☐ CA Easytrieve Plus Report Generator Series
  - CA Easytrieve Plus Report Generator
- ☐ CA Netmaster Network Management for TCP/IP: Usage and Administration Series
  - CA Netmaster Network Management for TCP/IP: Usage & Admin.

## BMC Curriculum

- ☐ Control –D Series
  - CONTROL-D
- ☐ Control-M Series
  - Introduction to CONTROL-M Scheduling
  - Monitoring the CONTROL-M Scheduling Environment

## Security Curriculum

- ☐ CA ACF2™ Series
  - CA ACF2® - Introduction
  - CA ACF2® - Protecting System Access
  - CA ACF2® - Protecting Data Integrity
  - CA ACF2® - Protecting General Resources
  - CA ACF2® - Defining Environment Controls
  - CA ACF2® - Maintaining ACF2
  - CA ACF2® For Auditors
- ☐ RACF Series
  - Defining Users to RACF
  - Protecting Data Sets Using RACF
  - Protecting General and UNIX Resources using RACF
  - RACF for Auditors

## Assembler Programming Curriculum

- ☐ Assembler Series
  - Assembler Introduction
  - Assembler Instructions
  - Assembler Macros
  - Assembler Programming
  - Assembler z/OS Advanced
  - Assembler Cross Memory Services

## COBOL Programming Curriculum

- ☐ COBOL Programming Series
  - Data and Datafile Definitions in COBOL
  - COBOL Programming - Basics
  - COBOL Programming – Manipulating Data
  - COBOL Programming - Advanced
  - IBM COBOL for MVS
  - IMS Database Concepts for COBOL Programmers

## CICS Transaction Server Curriculum

- ☐ CICS Transaction Server Series
  - CICS TS - Introduction
  - CICS TS - Controlling CICS Operations
  - CICS TS - Programming Introduction
  - CICS TS - Preprocessor, Conversations and File Control
  - CICS TS - Program Control, Condition Handling & Accessing CICS areas
  - CICS TS - Temporary and Transient Data, Interval and Journal Control
  - CICS TS - Miscellaneous Commands, CICS and DB2, Intercommunication, CEMT and CICS Display
  - CICS TS - Extensions
  - CICS TS - BMS User Interfaces
  - CICS TS - Using SDF II to Maintain CICS TS Maps

## IBM Enterprise PL/1 Programming Curriculum

- ☐ IBM Enterprise PL/1 Programming Series
  - PL/1 Fundamentals and Data Representation
  - PL/1 Program Design Techniques
  - PL/1 Accessing Data in Files
  - PL/1 Debugging and Advanced Coding Techniques

## REXX Curriculum

- ☐ REXX Series
  - Introduction to the REXX Programming Language
  - REXX Keyword Instructions
  - REXX Built-In Functions
  - REXX with z/OS and TSO/E

## Database Curriculum

- ☐ Database Series
  - DB2 Fundamentals
  - Managing DB2 Operations
- ☐ DB2 – Database Management System Series
  - Introduction to RDBMSs and the DB2
  - Manage Data Definitions with DB2
  - Manage Data with DB2 – SQL
  - Create and Maintain DB2 Programs
  - Optimize DB2 Application Performance
  - DB2 Stored Procedures

## Java Programming Curriculum

- ☐ Java Programming Series
  - Java Introduction for the IBM Enterprise
  - Java Programming for the IBM Enterprise
  - Java Data Access for the IBM Enterprise

## Virtualization Curriculum

- ☐ Virtualization Series
  - z/VM Concepts, System Initialization and Shutdown
  - Monitoring and Controlling z/VM Operations
  - Managing Guest Operating Systems
  - Identifying and Resolving z/VM Problems
  - Linux on System z Fundamentals

## z/VM Curriculum

- ☐ z/VM 6.1 Series
  - z/VM Concepts, System Initialization and Shutdown
  - Monitoring and Controlling z/VM Operations
  - Managing Guest Operating Systems
  - Identifying and Resolving z/VM Problems

## Linux Curriculum

- ☐ LINUX Series
  - Introduction to Linux
  - The Linux File System
  - Editing with VI
  - Linux Shell Programming
  - Linux Operations

## iSeries Curriculum

- ☐ iSeries Series
  - iSeries Concepts
  - Introduction to iSeries Security
  - AS/400 Operations Navigator
  - AS/400 Operations
  - iSeries Operating Facilities
- ☐ iSeries Programming Fundamentals Series
  - CL Programming
  - CL Programming Functions and Messaging
  - Introduction to iSeries Programming Environment
  - Introduction to iSeries Programming Facilities
- ☐ iSeries Application Programming Introduction Series
  - Introduction to Programming the iSeries
  - Introduction to DB2/400
  - Introduction to Device Files
- ☐ iSeries Query Series
  - Query for Users
- ☐ iSeries RPG Series
  - RPG/400 Introduction
  - RPG/400 Coding
  - RPG/400 Programming
  - RPG/400 Workstation Programming
- ☐ Introduction to iSeries Programming Series
  - Introduction Integrated Language Environment(ILE)
  - ILE RPG/400
- ☐ iSeries Subfile Programming Series
  - Introduction to Subfiles
  - Input and File Load Subfiles
  - Load by Page and Maintenance Subfiles

## OTHER CURRICULA

**VSE Curriculum**  
17 Titles

**Tandem Curriculum**  
26 Titles

**OS/390 UNIX**  
4 Titles

## CERTIFICATION BUNDLES

### IBM z/OS System Programmer Mastery Test Curriculum

- ☐ Introduction to IBM Enterprise Environment 1.12
- ☐ z/OS Systems Programming Fundamentals 1.12
- ☐ IBM Development Environment Overview 1.12
- ☐ Using Online System Facilities - TSO/ISPF 1.12
- ☐ CICS Transaction Server Introduction
- ☐ Introduction to RDBMSs and the DB2
- ☐ Introduction to WebSphere MQ
- ☐ Managing Data Files and Definitions with ISPF/PDF 1.12
- ☐ Maintaining Data in Files with the ISPF Editor 1.12
- ☐ JCL (z/OS) - Introduction to z/OS JCL 1.12
- Systems Programming on z/OS Practice Assessment
- Application Programming on z/OS Practice Assessment
- Online Workloads for z/OS Practice Assessment
- Intro to z/OS & Mainframe Environment Practice Assessment

### IBM Certified SOA Associate Curriculum

- ☐ Service Oriented Architecture

## MAINFRAME SKILLS ASSESSMENTS

- ☐ **CICS Assessments**
  - CICS Concepts and Operation
- ☐ **JCL Assessments**
  - JCL Concepts
  - JCL Problem Resolution
  - JCL Coding
- ☐ **JES2 Assessments**
  - JES2 Concepts and Operation
  - JES2 Problem Resolution
- ☐ **TSO/ISPF Assessments**
  - TSO/ISPF Concepts
  - TSO/ISPF Operation
- ☐ **VTAM Assessments**
  - VTAM Concepts and Operation
- ☐ **z/OS Assessments**
  - z/OS Concepts
  - z/OS System Operations
  - z/OS Problem Diagnosis and Resolution
- ☐ **IBM z/OS System Programmer Assessments**
  - Systems Programming on z/OS Assessment
  - Application Programming on z/OS Assessment
  - Online Workloads for z/OS Assessment
  - Introduction to z/OS & the Mainframe Environment Assessment

## MAINFRAME PRESENTER SERIES

- ☐ z/OS App. Dev. & Sys. Prog.
- ☐ z/OS Pathway
- ☐ Introduction to IBM Envir.
- ☐ JCL Series